

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	("20050183320" "3358504" "3762269" "3827172" "4967497" "4972619" "5067268" "5081783" "6237462" "6931777").PN.	US-PGPUB; USPAT	OR	ON	2006/02/28 11:52
S2	12	("4007554" "4854066" "4967497" "5081783" "5347740" "5628135" "5697181" "5913668" "5974719" "6305117" "6338218" "6526687").PN.	US-PGPUB; USPAT	OR	ON	2006/02/27 18:53
S3	1	("6390426").PN.	US-PGPUB; USPAT	OR	ON	2006/02/27 17:42
S4	738	((42/94) or (89/37.04,37.09,37.13,40.06)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/27 18:53
S5	7	S4 and @pd>="20050916"	US-PGPUB; USPAT	OR	ON	2006/02/27 19:25
S6	3683	(arm and shaft and rotat\$5 and independ\$5).clm.	US-PGPUB; USPAT	OR	ON	2006/02/27 19:36
S7	20281	"89"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/27 19:40
S8	17346	"42"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/27 19:27
S9	13	S6 and (S7 or S8)	US-PGPUB; USPAT	OR	ON	2006/02/27 19:41
S10	3616	arm same shaft same rotat\$5 same independ\$5	US-PGPUB; USPAT	OR	ON	2006/02/27 19:36
S11	12	S10 and (S7 or S8)	US-PGPUB; USPAT	OR	ON	2006/02/27 19:36
S12	41049	"211"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/27 19:40
S13	101638	"248"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/02/27 19:41
S14	133504	S12 or S13	US-PGPUB; USPAT	OR	ON	2006/02/27 19:41
S15	54	S6 and (S14)	US-PGPUB; USPAT	OR	ON	2006/02/27 19:41
S16	42	S10 and (S14)	US-PGPUB; USPAT	OR	ON	2006/02/27 19:42
S17	86	S15 or S16	US-PGPUB; USPAT	OR	ON	2006/02/27 19:42
S18	8	("4026417"   "4247010"   "4688684"   "4946048"   "5178286").PN. OR ("5586664").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 19:56

## EAST Search History

S19	21	("0346293"   "0381414"   "0478386"   "0649734"   "0922991"   "3315819"   "4291075"   "4343842"   "4774113"   "4789570"   "4897292").PN. OR ("5054622").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 19:58
S20	777	(248/278.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:24
S21	278	(248/122.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:24
S22	138	(248/125.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:41
S23	415	S21 or S22	US-PGPUB; USPAT	OR	ON	2006/02/28 12:24
S24	370	(248/163.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:41
S25	135	(248/431).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:52
S26	503	S24 or S25	US-PGPUB; USPAT	OR	ON	2006/02/28 12:41
S27	614	(248/165).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:52
S28	719	(248/166).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:52
S29	64	(248/434).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 12:52
S30	109	(248/435).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 13:37
S31	1309	S27 or S28	US-PGPUB; USPAT	OR	ON	2006/02/28 12:59
S32	171	S29 or S30	US-PGPUB; USPAT	OR	ON	2006/02/28 12:54
S33	1253	S31 not (S23 or S26 or S32 or S20)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:09
S34	77	(248/440.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 13:39
S35	452	(248/188.7).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/28 13:40
S36	15	("6554238").URPN.	USPAT	OR	ON	2006/02/28 13:57
S37	9	("4768744"   "4836486"   "5505424"   "5709360"   "5751548"   "6019332"   "6138970"   "6189842"   "RE36978").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:10
S38	2	("6695270").URPN.	USPAT	OR	ON	2006/02/28 14:11

## EAST Search History

S39	15	("1002783"   "4082244"   "4166602"   "4726552"   "4836486"   "5342137"   "5379205"   "5820287"   "5842672"   "6076785"   "6283428"   "6409134"   "6478274"   "6554238").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:12
S40	4	("6283428").URPN.	USPAT	OR	ON	2006/02/28 14:20
S41	5	("3550892"   "5379205"   "5626322"   "6119994").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 14:21
S42	56	(US-20050183320-\$ or US-20040134113-\$ or US-20030015632-\$ or US-20020179783-\$ or US-20010019095-\$).did. or (US-6931777-\$ or US-6237462-\$ or US-5081783-\$ or US-5067268-\$ or US-4972619-\$ or US-4967497-\$ or US-3827172-\$ or US-3762269-\$ or US-3358504-\$ or US-6390426-\$ or US-4946048-\$ or US-3601598-\$ or US-3043611-\$ or US-1178058-\$ or US-0381414-\$ or US-0346293-\$ or US-5586664-\$ or US-5476241-\$ or US-5630566-\$ or US-6575314-\$ or US-5054622-\$ or US-6863252-\$ or US-6758454-\$ or US-6695270-\$ or US-6554238-\$ or US-6042064-\$). did. or (US-6098936-\$ or US-3421762-\$ or US-3194403-\$ or US-5342137-\$ or US-4880193-\$ or US-4726552-\$ or US-1045583-\$ or US-6216887-\$ or US-1570657-\$ or US-0896990-\$ or US-6367749-\$ or US-1481075-\$ or US-0554661-\$ or US-4807837-\$ or US-0723114-\$ or US-3310180-\$ or US-4448378-\$ or US-2521355-\$ or US-3734301-\$ or US-6283428-\$ or US-5379205-\$ or US-4082244-\$ or US-D515168-\$ or US-4836486-\$).did. or (US-3315819-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 15:55
S44	8	S42 and washer	US-PGPUB; USPAT	OR	ON	2006/02/28 15:56